

SEQUENCE LISTING

<110> MARCHE, Patrice
JOUVIN-MARCHE, Evelyne
PASQUAL, Nicolas

<120> METHOD FOR QUANTITATIVE EVALUATION OF A REARRANGEMENT OR A
TARGETED GENETIC RECOMBINATION OF AN INDIVIDUAL AND USES THEREOF

<130> 045636-5083-US

<140> US 10/581,814

<141> 2006-06-05

<150> PCT/FR2004/003115

<151> 2004-12-03

<150> FR 0314289

<151> 2003-12-05

<160> 75

<170> PatentIn version 3.1

<210> 1

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 1

ggtcggttttt cttcattcct tagtcg

26

<210> 2

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 2

tctcttcacg gctgctcacg ctcc

24

<210> 3

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 3

tccccctccc attttccact cg

22

<210> 4
<211> 26
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 4
gcacttacac agacagctcc tccacc

26

<210> 5
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 5
caggaggaac cagagcccag tc

22

<210> 6
<211> 23
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 6
tggagtaggg cagggaggac agt

23

<210> 7
<211> 27
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 7
ggctgggaag tttggtgata tagtgtc

27

<210> 8
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 8
agcagccaaa tccttcagtc tcaa 24

<210> 9
<211> 28
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 9
aagacaaaaa ctccccatt gtgaaata 28

<210> 10
<211> 28
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 10
gccctcctga aaatgtgtaa agaaatgt 28

<210> 11
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 11
cttccccac tcccttcaaa cttac 25

<210> 12
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 12
agcacttgac ggcagcagca 20

<210> 13

<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 13
tgccccgaga cctgataacc aa 22

<210> 14
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 14
tcagaacaag ctggaggcaa ctagg 25

<210> 15
<211> 27
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 15
ggaatagaaa gcgactcact caccagg 27

<210> 16
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 16
ccacttttag ctgagtgccct gtccc 25

<210> 17
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 17
ctgtctctgc aatgatgaaa tggcc 25

<210> 18
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 18
ggaaactctg ggcattgggca g

21

<210> 19
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 19
actgggcagg agattcgggtt at

22

<210> 20
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 20
cgccccagat taactgatag ttgct

25

<210> 21
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 21
ataactaaggg caggtgaggc tcca

24

<210> 22
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 22
tcgtttttct tcattcctta gtcg 24

<210> 23
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 23
atgaaacaag accaaagact cactg 25

<210> 24
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 24
tgacccagct tgacagcca 19

<210> 25
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 25
ggcaatcgct gaagacagaa ag 22

<210> 26
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 26
gagaacaggt gtaagtgccg cc 22

<210> 27
<211> 24
<212> DNA

<213> Artificial sequence

<220>

<223> probe

<400> 27

ttggattcac ggtaaagaga gttc

24

<210> 28

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> probe

<400> 28

tccagtccca aaggtaatt tctc

24

<210> 29

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> probe

<400> 29

ccgaagttga gtgcataccc g

21

<210> 30

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> probe

<400> 30

caaaatcaag gatggctaga aacac

25

<210> 31

<211> 23

<212> DNA

<213> Artificial sequence

<220>

<223> probe

<400> 31

cttccaaagt atagcctccc cag

23

<210> 32
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 32
ggtgagtttg tttcctcctc cc

22

<210> 33
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 33
cccaaaagta agtgctctcc tgcc

24

<210> 34
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 34
cggggagaag tggaaactct gg

22

<210> 35
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 35
tcagagttat tccttttcca aatg

24

<210> 36
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 36

cgccccagat taactgatag ttgct 25

<210> 37
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> probe

<400> 37
ggtccctgct ccaaactgc 19

<210> 38
<211> 50
<212> DNA
<213> Artificial sequence

<220>
<223> sequence amplified by PCR

<400> 38
cttgagagat gctgctgtgt actactgcat cctgagagac gggggggggggg 50

<210> 39
<211> 65
<212> DNA
<213> Artificial sequence

<220>
<223> sequence amplified by PCR

<400> 39
ccttttgagg agctccagat gaaagactct gcctottacc tctgtgctgt gaggaatggg 60
ggggg 65

<210> 40
<211> 41
<212> DNA
<213> Artificial sequence

<220>
<223> sequence amplified by PCR

<400> 40
gcgatgtatt tctgtgctta catgagcccg ggggggggggg g 41

<210> 41
<211> 328
<212> DNA
<213> Artificial sequence

<220>

<223> sequence amplified by PCR

<400> 41

tattctgtat	ctgatgatgt	ctttgagaac	agggtgtaagt	gccgccaaaa	atgaagtgga	60
gcagagtcct	cagaacctga	ctgccagga	aggagaattt	atcacaatca	actgcagtta	120
ctcggttaga	ataagtgcct	tacactggct	gcaacagcat	ccaggaggag	gcattgtttc	180
cttgtttatg	ctgagctcag	ggaagaagaa	gcatggaaga	ttaattgcca	caataaacat	240
acaggaaaag	cacagctccc	tgacatcac	agcctcccat	cccagagact	ctgccgtcta	300
catctgtgct	gtcagagggg	gggggggg				328

<210> 42

<211> 44

<212> DNA

<213> Artificial sequence

<220>

<223> sequence amplified by PCR

<400> 42

actcagccgt	gtactactgt	cttctgggag	atgggggggg	gggg	44
------------	------------	------------	------------	------	----

<210> 43

<211> 162

<212> DNA

<213> Artificial sequence

<220>

<223> sequence amplified by PCR

<400> 43

acctggagca	ggtctccagc	ttgctgacgt	atattttttc	aaatatggac	atgaaacaag	60
accaaagact	cactgttcta	ttgaataaaa	aggataacat	ctgtctctgc	gcattgcaga	120
caccagact	ggggactcag	ctatctactt	ctgtgcagag	ag		162

<210> 44

<211> 215

<212> DNA

<213> Artificial sequence

<220>

<223> sequence amplified by PCR

<220>

<221> misc_feature

<222> (22)..(22)

<223> N= A,T,G ou C

<220>

<221> misc_feature

<222> (80)..(82)

<223> N= A,T,G ou C

<220>
<221> misc_feature
<222> (89)..(90)
<223> N= A,T,G ou -C

<220>
<221> misc_feature
<222> (146)..(146)
<223> N= A,T,G ou C

<220>
<221> misc_feature
<222> (156)..(156)
<223> N= A,T,G ou C

<220>
<221> misc_feature
<222> (160)..(160)
<223> N= A,T,G ou C

<220>
<221> misc_feature
<222> (179)..(179)
<223> N= A,T,G ou C

<220>
<221> misc_feature
<222> (186)..(186)
<223> N= A,T,G ou C

<400> 44
actactcatc gtctgtttca cngtatctct tctggatatgt gcaatacccc aaccaaggac 60
tccagcttct cctgaagtan nnatcagggn ccaccctggt taaaggcatc aacgggttttg 120
aggctgaatt taacaagagt gaaacntcct tccacntgan gaaaccctca gcccatatna 180
gcgacncggc tgagtacttc tgtgctgtga gtgat 215

<210> 45
<211> 163
<212> DNA
<213> Artificial sequence

<220>
<223> sequence amplified by PCR

<400> 45
acctggagca ggtctccagt tgctgacgta tatttttttca aatatggaca tgaaacaaga 60
ccaaagactc actgttctat tgaataaaaa ggataaacat ctgtctctgc gcattgcaga 120
caccagact ggggactcag ctatctactt ctgtgcagag agt 163

<210> 46
<211> 24
<212> DNA
<213> Artificial sequence

<220>

<223> PCR primer

<400> 46

gcaacatgct ggcgagcac ccac

24

<210> 47

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 47

atggctttgc agagcactct gg

22

<210> 48

<211> 19

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 48

gcctctgcac ccattctga

19

<210> 49

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 49

gaggatgtgg agcagagtct ttcc

24

<210> 50

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 50

cggccaccct gacctgcaac tata

24

<210> 51

<211> 25

<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 51
gggaccccag cagggagacg ttgcc

25

<210> 52
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 52
atgctcctgt tgctcatacc agtg

24

<210> 53
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 53
cctgaaagcc acgaaggctg atga

24

<210> 54
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 54
gcatctgacg accttcttgg t

21

<210> 55
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 55
ccatgatgcg gggactggag ttgc

24

<210> 56
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 56
cattcgttca aatgtgggcg aaaa

24

<210> 57
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 57
cagaagataa ctcaaaccga acca

24

<210> 58
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 58
agagtgactc agcccagaaa g

21

<210> 59
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 59
ccgggcagca gacactgctt ctta

24

<210> 60
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 60
tcgtcggaac tcttttgatg agca

24

<210> 61
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 61
gtcttgtggc ttcagcttgg c

21

<210> 62
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 62
tgctctgctg gataaatcat cagg

24

<210> 63
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 63
gggagctctg ctggggctct tgag

24

<210> 64
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 64
gcagcttccc ttccagcaat

20

<210> 65
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 65
ggagaggact tcaccacgta ctgc 24

<210> 66
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 66
ggctggtggc aagagtaact g 21

<210> 67
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 67
cactgcggcc cagcctggtg atac 24

<210> 68
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 68
cagcaagtta agcaaaattc acca 24

<210> 69
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 69
gccgtgatcc tccgagaagg gg 22

<210> 70
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 70
tgatgatgct acagaaaggt gggg

24

<210> 71
<211> 27
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 71
ggctgggaag tttggtgata tagtgct

27

<210> 72
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 72
atgatgaagt gtccacaggc t

21

<210> 73
<211> 24
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 73
agcagccaaa tccttcagtc tcaa

24

<210> 74
<211> 28
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 74

aagacaaaaa ctccccatt gtgaaata

28

<210> 75

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 75

cagagttccc cggaccagac

20